

ABSTRACT OF THE DISCLOSURE

A prism sheet includes a light incident surface for receiving the light, a light emission surface for emitting the light incident on the light incident surface, which includes at least one light concentrate unit having at least two inclined surfaces on which the light is incident and refracted. A peak angle between the two inclined surfaces is obtuse and determined in association with a refraction index of the prism sheet. The light emission surface has multiple light concentrate units that each have a shape of a prism column and are arranged parallel with each other in a longitudinal direction of the light concentrate units. A liquid crystal display device includes the prism sheet, a lamp assembly for generating light, a diffusion plate for diffusing the light, and a LCD panel assembly for displaying images using the light from the prism sheet and image data externally provided.